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LITTLE SPRING • 1914

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Little Tree Farms
Botany and Systematic Botany

South Framingham
Massachusetts
(Near Boston)

Price List

Address all communications to
American Forestry Company
15 Beacon Street Boston Mass.



White Spruce in seed beds 4 feet wide, 50 feet long. Perfectly grown and splendidly rooted. Sample tree in corner.

Little Tree Farms of America Birthplace of the Little Trees That Live

Near Boston

White Spruce is a rapid grower, in demand for ornamental purposes, and having valuable wood. It has a pyramidal shape and a silvery green color. It is extremely hardy, adapting itself to both wet and dry soils, and withstanding salt air, exposure, and snow and ice pressure. These trees are employed for windbreaks, screens, groves, and specimen trees. The wood is used for lumber, but most often for paper pulp.

Our trees were grown from seed from the Maine coast, where the species reaches unusual development.

PICEA ALBA, Link.

	White Spruce (Maine Seed).		
	10	100	1000
Twice Transplanted.....	8 to 12 inches	\$3.50	\$10.00
Transplanted.....	12 to 16 inches	3.50	10.00
Transplanted.....	8 to 12 inches.....	2.50	5.50
Transplanted.....	4 to 8 inches.....	1.50	4.00
Transplanted.....	2 to 6 inches	1.25	3.00
Seedling.....	8 to 12 inches	2.50	18.00
Seedling.....	4 to 8 inches	1.75	10.00
Seedling.....	2 to 4 inches .....	.75	3.00



MAXIMUM QUALITY
INIMUM PRICE
OST EFFICIENT SERVICE



Means
"Little Tree Farms"
South Framingham, Mass.



- RAILROADS.** Boston & Albany, Main line.
New York Central (Lessees).
New York, New Haven & Hartford.
Boston & Maine (Branch).
- EXPRESSES.** Adams.
American.
Connecting Agencies.
- TELEPHONE.** New England Telephone (American Telephone & Telegraph Company).
- TELEGRAPH.** Western Union Telegraph & Cable Codes.
Western Union Nurserymen's Telegraphic Code.
A. B. C. Telegraph Code, fifth edition.
Cable address: "Amforestco."
- DELIVERIES.** Free to freights, express, and mails.

ORDER EARLY, PLEASE — so that we can satisfy you with good, prompt service (not rush work).
Orders must be filled in succession as received; justice requires this.

SHIPPING SEASONS.

In Spring: From middle of March to about June first. The planting season is determined by the condition of trees to be planted. So long as they are **dormant** they may safely be transplanted. It is safe to ship plants to Southern localities later than would be supposed, because vegetation in Massachusetts is dormant later than farther south.

In Fall: August and September for Evergreens.
About October first for Hardwoods. Shipping continues until the ground freezes.

SHIPPING INSTRUCTIONS. PLEASE GIVE:

1. Address for marking the shipment.
2. Address for mail.
3. Shall we forward by **freight; express; parcel post?**
4. Approximate time when shipment shall be made.

In the absence of instructions, we shall use our best judgment. Our responsibility, of course, ceases upon delivery to the transportation company.

TRANSPORTATION COSTS.

The low special **Express** rate on trees, plants, and seeds is 20 per cent less than regular merchandise; express companies occasionally overlook this.

The new **Parcel Post** regulations permit much more extensive use of the mails than has been possible up to this time.

TERMS OF PAYMENT.

Cash with order, except by special arrangement.
Please send check or draft on New York or Boston banks, post office or express money order, or cash in registered mail.
C. O. D. deliveries, please enclose 50 per cent of amount of bill with order.

WE RAISE trees from carefully selected seed.

WE SHIP trees: **Dug upon order** (not cellared or "heeled in" stock).

Bundled in convenient sizes of 25, 50, or 100 plants, and usually a few more for good measure.

Packed at once in the moist air of a thoroughly modern packing cellar.

Delivered promptly to the transportation company.

WE IMPORT NOTHING, thereby avoiding unacclimated, devitalized, dried stock, and the infection usually attaching to imported stock.

HEALTH CERTIFICATE of the United States Department of Agriculture and the State of Massachusetts Entomological Certificates accompany each shipment and assure healthy, clean stock.

WARRANTY AND REPLACEMENT. We use the greatest care in following instructions, and our intention is invariably to send out only first-class plants and seeds, true to label, well packed, and in good condition, addressed as directed and delivered to such transporting company as directed. Here our responsibility ceases.

We gladly rectify errors or claims if made upon receipt of goods, but cannot be liable for more than the purchase price.

The prices are not made to cover a possible second shipment. They are the lowest statement of value of one shipment of first-class trees. It is humanly impossible to guarantee the growth of plants, since so many causes, known and unknown, can injure or kill them. If exposure or drought, poor planting, bad weather, accident, or other causes kill plants bought of us, we can only regret the customer's misfortune. Claim for delay en route should be taken up with the transporting company. We cannot replace the plants without cost.

Every sale by us is made on these terms only. It is obvious that no sale carries any warranty, expressed or implied.

WE GUARANTEE TO SUPPLY FINE PLANTS,

DUG
PACKED
SHIPPED

FRESH

ALWAYS
ADDRESS

AMERICAN FORESTRY COMPANY

BOSTON, MASSACHUSETTS
15 BEACON STREET

Trees Shipped to All Parts of the United States and Canada



Colorado Blue Spruce transplants at Little Tree Farms. A perfect block of transplants; bushy, dense tops and fine fibrous roots. They are sold "nursery run." None of the bluest ones have been picked out. These fine specimens are selling at lowest prices. (If interested in small seedlings ask for our photograph N4.)

This Blue Spruce is so popular that its striking symmetry and odd bluish or sage green color is seen wherever especial effects are desired. It is the bluest of the white or blue spruces, and is valued as an ornamental specimen, and in combination with the darker evergreens, to which it offers a strong contrast. The species reaches perfect development in the Rocky Mountains of Colorado, where our seeds are collected from blue trees. Our very large supply of these stocky plants, probably the largest in the country, enables us to make an extremely low price.

PICEA PUNGENS, Engl. (Nursery run.)

Colorado Blue Spruce.

	10	100	1000
Twice Transplanted	1 to 1½ feet	\$4.00	\$15.00
Twice Transplanted	8 to 12 inches	3.00	10.00
Twice Transplanted	4 to 8 inches	2.00	5.00

Transplanted	8 to 12 inches	2.50	7.00	55.00
Transplanted	4 to 8 inches	1.25	3.25	27.50

Seedling	1 to 1½ feet	1.50	3.00	20.00
Seedling	8 to 12 inches	1.00	2.00	15.00
Seedling	4 to 8 inches		1.25	8.00

Coniferous Trees (Evergreens)

ABIES BALSAMEA, Mill.

	Balsam Fir.	10	100	1000
Transplanted.....	1 to 3 in.....	\$1.25	\$9.00	
Seedling.....	1 to 3 in.....	1.00	6.00	

ABIES CONCOLOR, Lindl. & Gord.

Silver, or Concolor Fir (Colorado Seed)

Transplanted.....	1 to 1½ ft.	\$5.00	\$16.00	\$145.00
Transplanted.....	8 to 12 in.	3.50	12.00	100.00
Transplanted.....	4 to 8 in.	2.50	7.50	60.00
Transplanted.....	3 to 6 in.....	6.00	45.00	
Transplanted.....	2 to 4 in.....	4.50	30.00	
Seedling.....	8 to 12 in.....	3.00	25.00	
Seedling.....	4 to 8 in.....	2.25	18.00	
Seedling.....	2 to 4 in.....	1.50	12.00	

Abies Concolor is by far the bluest and shapeliest of the firs. It is hardy, always grows dense and beautiful, and adapts itself to many soils and sites. These trees are the "show trees" of our finest estates and arboretums. We have been most successful with the species, and we have a large supply of well hardened-off "woody" stock. Nurserymen order at sight. If interested in these trees ask us for photograph N1.

JUNIPERUS COMMUNIS, Linn.

Dwarf or Ground Juniper.

Transplanted.....	1 to 1½ ft.	\$10.00	\$35.00	
Seedling.....	4 to 8 in.	2.00	6.00	
Seedling.....	2 to 4 in.....	4.00	\$30.00	

LARIX EUROPEA, D. C.

European Larch.

Twice Transplanted..	3 to 5 ft.	\$10.00	\$35.00	\$275.00
Twice Transplanted..	2 to 3 ft.	5.00	18.00	165.00
Twice Transplanted..	1 to 2 ft.	3.50	10.00	80.00
Transplanted.....	4 to 5 ft.	6.50	20.00	
Transplanted.....	3 to 4 ft.	4.00	14.00	120.00
Transplanted.....	2 to 3 ft.	3.50	10.00	80.00
Transplanted.....	1 to 2 ft.	2.00	5.50	40.00
Seedling.....	1½ to 2 ft.	1.50	4.00	25.00
Seedling.....	1 to 1½ ft.	1.00	2.25	15.00
Seedling.....	8 to 12 in.....	1.75	12.00	

LARIX LEPTOLEPSIS, Gord.

Japanese Larch.

Seedling.....	1½ to 2 ft.	\$2.50	\$7.50	
Seedling.....	1 to 1½ ft.	2.00	5.00	\$40.00
Seedling.....	8 to 12 in.	1.50	3.00	25.00
Seedling.....	1 to 3 in.....	1.00	6.00	

This species is well worth more extensive use. It grows extremely fast.

PICEA ALBA, Link.

Black Hills Spruce.

Transplanted.....	8 to 12 in.	\$3.50	\$6.00	\$50.00
Transplanted.....	4 to 8 in.	2.00	4.00	30.00
Seedling.....	8 to 12 in.....	2.00	12.00	
Seedling.....	4 to 8 in.....	1.25	9.00	

We have a fine supply grown from seeds collected in the Black Hills. See also **White Spruce** on page 1.

PICEA ENGELMANNI, Engelm.

Engelmann Spruce.

Twice Transplanted..	4 to 8 in.	\$2.50	\$7.50	
Transplanted.....	4 to 8 in.	2.00	5.50	\$40.00
Seedling.....	6 to 9 in.	1.50	3.00	20.00
Seedling.....	4 to 8 in.	1.00	2.00	15.00
Seedling.....	3 to 6 in.....	1.50	12.00	

PICEA EXCELSA, L. K.

	Norway Spruce.	10	100	1000
Twice Transplanted..	2 to 2½ ft.	\$4.00	\$14.00	\$125.00
Twice Transplanted..	1½ to 2 ft.	3.00	10.00	90.00
Twice Transplanted..	1 to 1½ ft.	2.50	7.00	60.00
Twice Transplanted..	.8 to 12 in.	1.50	5.00	40.00
Twice Transplanted..	.4 to 8 in.	1.00	3.00	25.00
Transplanted.....	1½ to 2 ft.	2.00	6.00	50.00
Transplanted.....	1 to 1½ ft.	1.00	4.00	30.00
Transplanted.....	8 to 12 in.....	2.25	15.00	
Transplanted.....	4 to 8 in.....	1.50	9.00	

Our transplanted stock has earned appreciative letters from careful buyers, and our prices are very low. If interested in these trees send for photograph N3.

Seedling.....	8 to 12 in.....	\$1.00	\$7.50
Seedling.....	4 to 8 in.....	.75	5.00

The **Norway Spruce** is the spruce of Europe, being planted and grown everywhere there for all purposes. The wood is valuable and has many uses. In this country it is largely used for hedges, screens, windbreaks, and shelter belts, but not successfully as an ornament. It can be planted in the shade. Recently extensive **Norway Spruce** forests have been planted for future paper pulp. We can strongly recommend a plantation for a crop of Christmas trees, to be sold with or without roots. Our plants are cheap (but very good), and this is an opportune time to make such a plantation.

PICEA MARIANA, (Mill.)

	Black Spruce.	10	100
Seedling.....	8 to 12 in.....	\$2.00	\$15.00
Seedling.....	4 to 8 in.....	1.50	10.00

Well grown, well hardened-off seedlings; they will please you. They are all grown of Maine seeds and will thrive when set out.

PICEA RUBENS, Sarg.

	Red Spruce.	10	100
Twice Transplanted..	8 to 12 in.	\$2.00	\$6.00
Transplanted.....	1 to 1½ ft.	1.75	4.50
Transplanted.....	8 to 12 in.	1.50	3.00
Transplanted.....	4 to 8 in.....	2.00	18.00

If interested in these transplants send for photograph N6.

Seedling.....	8 to 12 in.....	\$1.50	\$10.00
Seedling.....	4 to 8 in.....	1.00	5.00

The **Red Spruce** is the native spruce of the north woods, and extends over a wide range of soils and conditions. It is the important spruce so much used for lumber, construction timber, and paper pulp. It is a persistent grower and deserves far more general use in ornamental planting than it has yet attained. The beautiful contrast, yet harmonious blending, of the warm, dark green of the **Red Spruce** and the silvery color of the **White Spruce** should be brought out on many more northern estates.

We can also supply the following. Write for prices, giving sizes and quantities desired

ABIES MAGNIFICA.

Red Fir.

ABIES PECTINATA.

European White Fir.

PINUS CEMBRA.

Cembra, or Swiss Stone Pine.

PINUS JEFFREYI.

Jeffrey Pine.

PINUS PONDEROSA.

Western Yellow Pine.

Our Junipers

are all grown from hardy New England seed of our own collecting. They are beautiful little plants, sturdy and symmetrical. We have unusually fine transplants from 1 to 2½ feet high. Note photograph of individual tree and prices below.



Every Tree

Grown from Seed in the Open
and Wintered
Without Protection

JUNIPER ("red cedar") SEEDLINGS at Little Tree Farms, protected only by the snow. Only the hardiest stock can survive the rigors of a New England Winter.

The JUNIPERUS VIRGINIANA is one of the most beautiful ornamental trees in existence; for color, symmetry, and architectural suggestiveness of line it has no superior.

JUNIPERUS VIRGINIANA, Linn.

Twice Transplanted.....

Twice Transplanted.

Twice Transplanted.....

Transplanted.

Transplanted.

Transplanted.

Transplanted.....

Transplanted.....

Seedling.....

Seedling.....

Seedling.....

Juniper: Savin (New England Seed)

	10	100	1000
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1½ to 2 feet.....	\$15.00	\$40.00	\$350.00
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1 to 1½ feet.	10.00	25.00	225.00
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8 to 12 inches.....	6.00	15.00	125.00
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.2 to 2½ feet.....	13.50*	40.00	350.00
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.1½ to 2 feet.....	10.00	25.00	225.00
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.1 to 1½ feet.	6.00	15.00	125.00
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8 to 12 inches.....	3.50	9.00	75.00
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4 to 8 inches.....	2.00	5.00	40.00
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8 to 12 inches.....	1.75	4.50	35.00
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4 to 8 inches.....	1.35	3.00	25.00
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4 to 6 inches.....	2.50	20.00	
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Close view of seed beds of **Douglas Spruce** at Little Tree Farms. Individual seedling in right corner and small transplant at left. These were raised from Rocky Mountain Colorado seed and are perfectly hardy and vigorous. Nicer plants can't be had; they are straight, well-topped, well-rooted.

The **Douglas** is one of the most majestic trees of North America and has found favor wherever introduced, here and in Europe. It is one of the fastest growing of the conifers, yet endures to old age and large size. It accommodates itself to many soils, succeeding on dry, slaty soils and sandy ones, and in direct exposure to the fiercest winds, and to salt spray. **Douglas** wood is valuable; it will be the chief spruce of the future in forestry in the East.

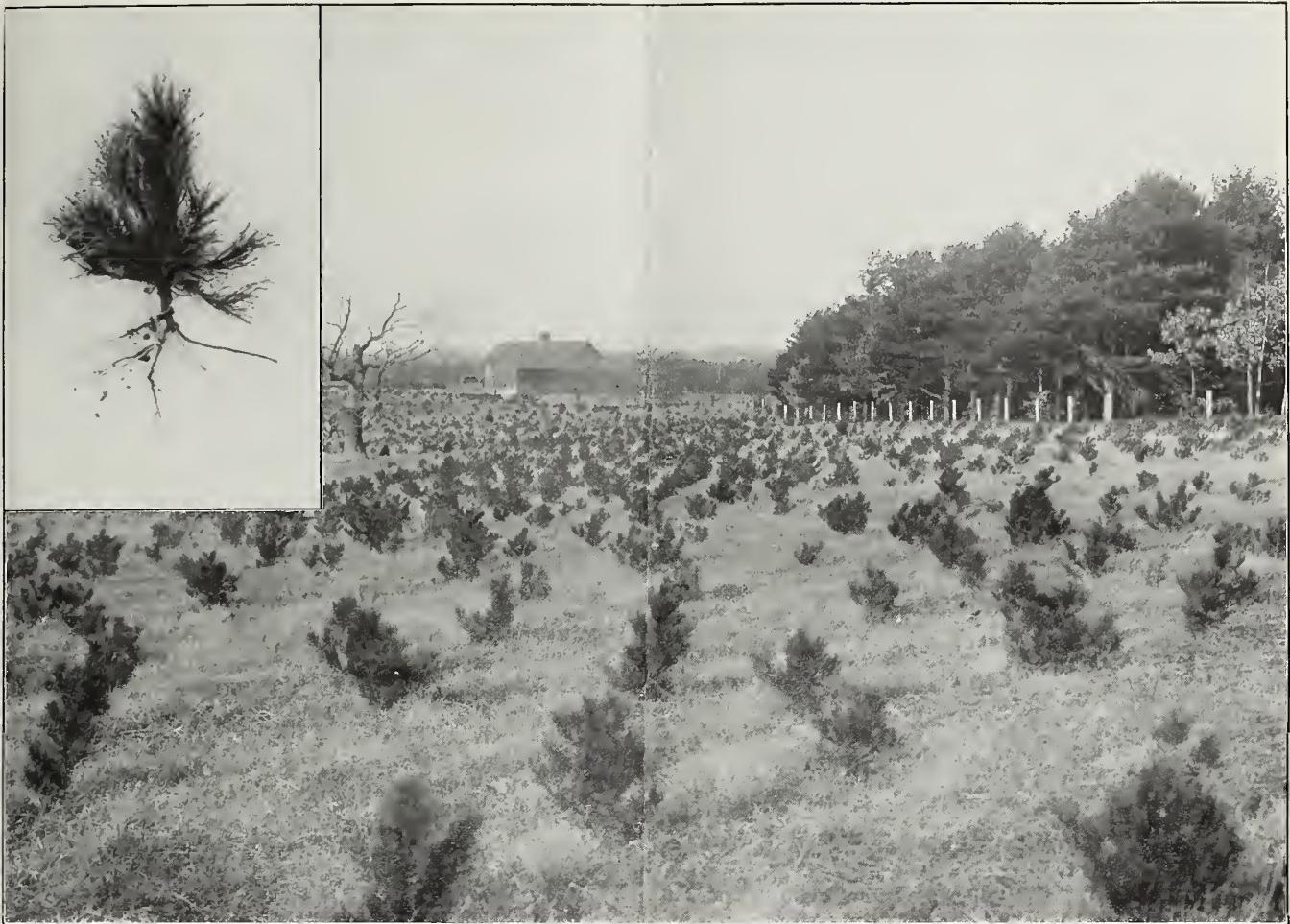
PSEUDOTSUGA TAXIFOLIA, Britt., syn.,
DOUGLASII, Carr.

Douglas Spruce.

(Rocky Mountain Seed.)

		10	100	1000
Twice Transplanted.....	1 to 1½ feet.....	\$5.00	\$17.50	
Twice Transplanted.....	8 to 12 inches.....	3.50	10.00	\$85.00
Twice Transplanted.....	4 to 8 inches.....	2.75	7.00	60.00
Transplanted.....	4 to 8 inches.....		2.00	15.00
Transplanted	3 to 6 inches		1.75	12.00
Transplanted.....	2 to 4 inches.....		1.25	8.00
Seedling.....	12 to 15 inches.....	1.25	3.00	20.00
Seedling	8 to 12 inches		1.50	12.00
Seedling	4 to 8 inches		1.25	7.00
Seedling.....	3 to 6 inches.....		1.00	
Seedling	2 to 4 inches.....		.75	3.00
Seedling.....	1 to 3 inches.....		.50	2.00

If interested in very small seedlings send for photograph (N13).



These little **Red or Norway Pines** (*Pinus resinosa*) were set out by our company. Now they average two and two and a half feet in height, are bushy and vigorous, and are about to make much more rapid growth. The land where they are growing is very dry, sandy, and wind-swept. Grass and other agricultural crops were not profitable on it.

The **Red Pine** is one of the most valuable native trees for general planting. It grows faster than the White Pine, often on poorer and more wind-swept soils. It withstands salt air and spray as few other trees do. It is picturesque even on poor soils, and on richer soils its vigorous, long, deep green needles are superb. The wood of this species is valuable and is being more appreciated every year. Ask for our seedling photograph N7.

PINUS RESINOSA, Ait.

Red or Norway Pine.

	100	1000
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Transplanted	3 to 6 inches	\$2.00	\$15.00
Seedling.....	8 to 12 inches.....	2.50	20.00
Seedling	4 to 8 inches	1.50	8.00
Seedling	2 to 4 inches	1.00	4.00
Seedling.....	1 to 2 inches.....	.75	3.00

The best rooted and developed little trees of their kind we have ever grown, **guaranteed true resinosa**.

This species has been scarce in the market for several years and substitution of other kinds has been known. We have a large supply of stocky, finely grown and unusually well rooted plants. Visiting nurserymen have bought them at sight. Considering the high price of the seeds these plants are extremely cheap.



Scotch Pine Transplants at Little Tree Farms in Winter

Scotch Pine has been used extensively for ornamental planting, especially in southern New England and the Middle West. Its ability to thrive in situations where the atmosphere is exceedingly dry admirably adapts it to the prairie states. It is well suited for windbreaks and shelter belts and is extensively so used. It grows rapidly and surely and adapts itself to many soils and sites. It must not be planted in the shade.

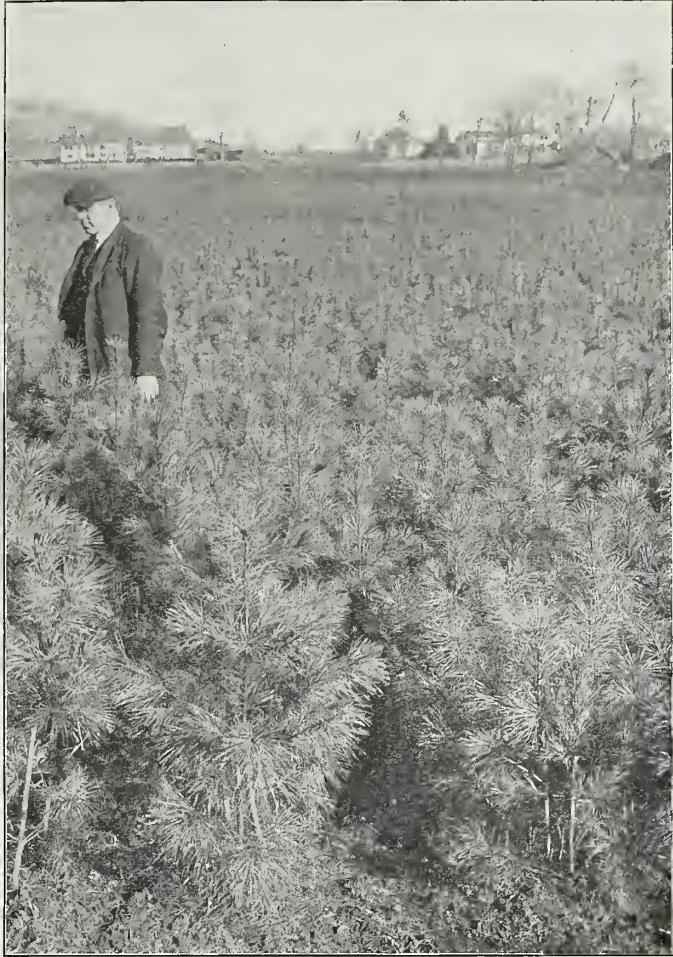
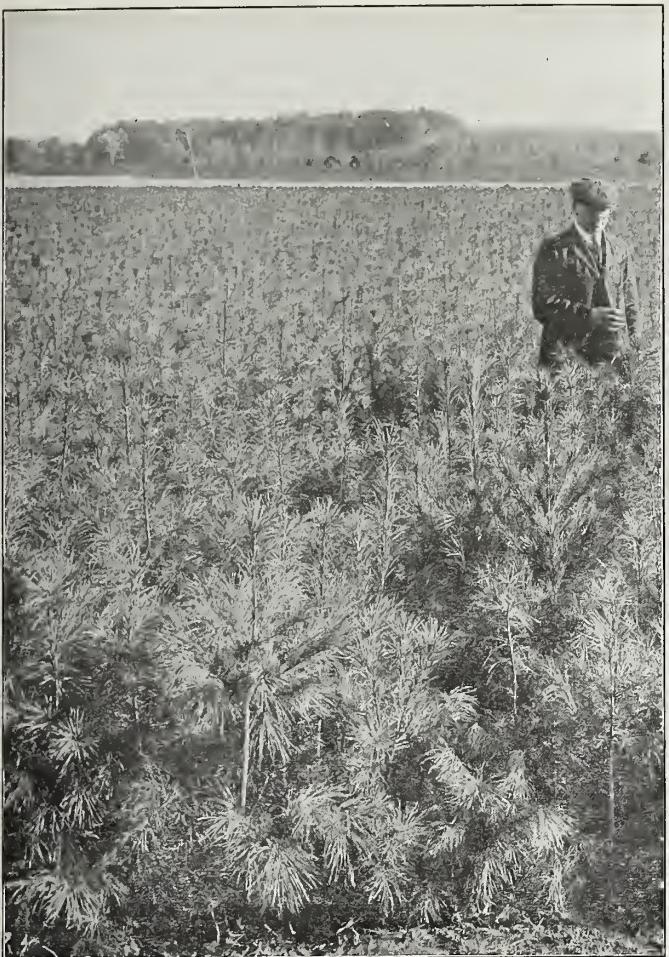
Scotch Pine is the pine of Europe and the wood is highly valued there. It is used for a great variety of purposes.

PINUS SYLVESTRIS, A.

Scotch Pine.

	10	100	1000
Twice Transplanted.....	\$5.00	\$18.00	\$150.00
Twice Transplanted.	3.50	10.00	90.00
Twice Transplanted.	3.00	8.00	70.00
Twice Transplanted.....	2.75	7.00	60.00
Twice Transplanted.....	2.50	6.00	
Transplanted.....	5.00	17.50	
Transplanted.	4.50	15.00	135.00
Transplanted.	3.00	8.00	70.00
Transplanted.	2.50	6.00	50.00
Transplanted.....	2.00	4.50	40.00

Our plants are well rooted, and were all grown from seeds at the "Little Tree Farms." Our success with **Scotch Pine** has been commented upon by experienced nurserymen.



94,000 Twice Transplanted Stocky White Pines

SACRIFICED AT

6 C Each in lots of 1000
1 to $1\frac{1}{2}$ feet
100 trees for \$8.00
10 trees for \$2.00

8 C Each in lots of 1000
 $1\frac{1}{2}$ to 2 feet
100 trees for \$10.00
10 trees for \$2.50

17 $\frac{1}{2}$ C Each in lots of 1000
2 to 3 feet
100 for \$19.00
10 trees for \$5.00

20 C Each in lots of 1000
 $2\frac{1}{2}$ to 3 feet
100 for \$25.00
10 trees for \$6.00

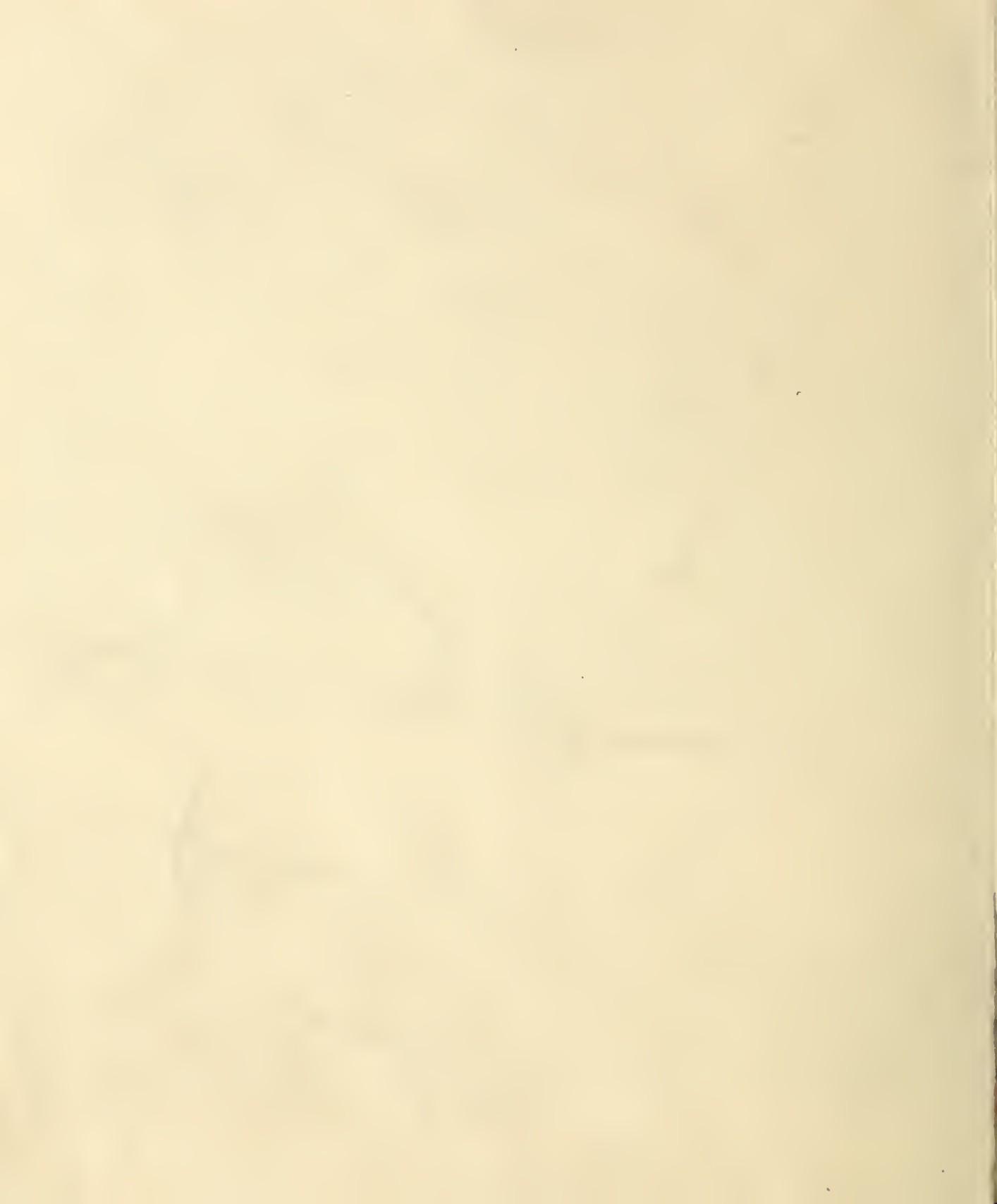
Greatest Bargains Ever Offered in First-Class Nursery Stock

WHITE PINE

HAS WONDERFUL ADAPTABILITY
TRANSPLANTS EASILY
GROWS RAPIDLY

Plant it for wind breaks, dust and noise breaks, to screen unsightly spots, for roadsides and dry barren hillsides, for underplanting in shady places, for beautifying an estate, and for forest planting.







Ten years ago these White Pines were less than a foot high. Without soil improvement or care, they grew twenty feet. Are you interested in planting? No one sells the trees cheaper, or plants them for you better than we do. Write for particulars.

THE LITTLE TREE FARMS, nurseries of the American Forestry Company, have become in eight years the largest forest nurseries in America.

They were started to supply the best material at lowest prices for the company's own work. But every one else who used trees came to appreciate the quality and the price. And now we are selling millions to nurserymen, landscape architects, foresters, and owners of estates and forests.

No one else in America raises trees from seed in so large a way or with such scientific methods.

Raised from selected seed.
KINDLY NOTE: Grown without chemical fertilizer or artificial protection.
EVERY TREE IS Dug fresh, packed and shipped at once.
Free from foreign infection.

THE AMERICAN FORESTRY COMPANY will do for you any forestry work, large or small, by contract, commission, or otherwise.

Thorough training, successful work for a large and varied trade, and a solid financial standing are the basis of this business.

The Forest Engineering Department is under direction of Theodore F. Borst, F. E.

The Contracting Department furnishes experienced workmen under supervision of Charles C. Bray, Field Superintendent.

The Supply Department, "LITTLE TREE FARMS," at Framingham, furnishes all necessary trees, tools, and special equipment.

Our Boston office, Ralph L. Kelly, General Manager, has an adequate force to give prompt, intelligent attention to all business, inquiries and orders.



A natural stand of White Pine timber which we "thinned" at a profit, at the same time increasing the rate of growth and the quality of the standing timber. The skilled forest engineer can make your forest lands more profitable and desirable, and safer from fire or insects.

THE AMERICAN FORESTRY COMPANY furnishes reliable advice, plans and supervision, in commercial and esthetic lines.

Makes tree plantings for any purpose and to any extent.

Develops wooded areas for beauty, by many methods including thinning or planting. Prunes and otherwise cares for individual ornamental trees. Lays out roads, saddle paths and trails, for easy access and for fire protection.

Furnishes working plans with timber estimates and surveys, for lumbering and managing commercial forests according to the best practice.

Buys and sells woodlands and forest tracts.

Please Address **AMERICAN FORESTRY COMPANY**, 15 Beacon Street, BOSTON, Massachusetts



184,000 SPLENDID ONCE TRANSPLANTED WHITE PINES SACRIFICED AT

3C Each, in lots of 1000
1 to $1\frac{1}{2}$ feet
100 trees for \$3.50
10 trees for 1.00

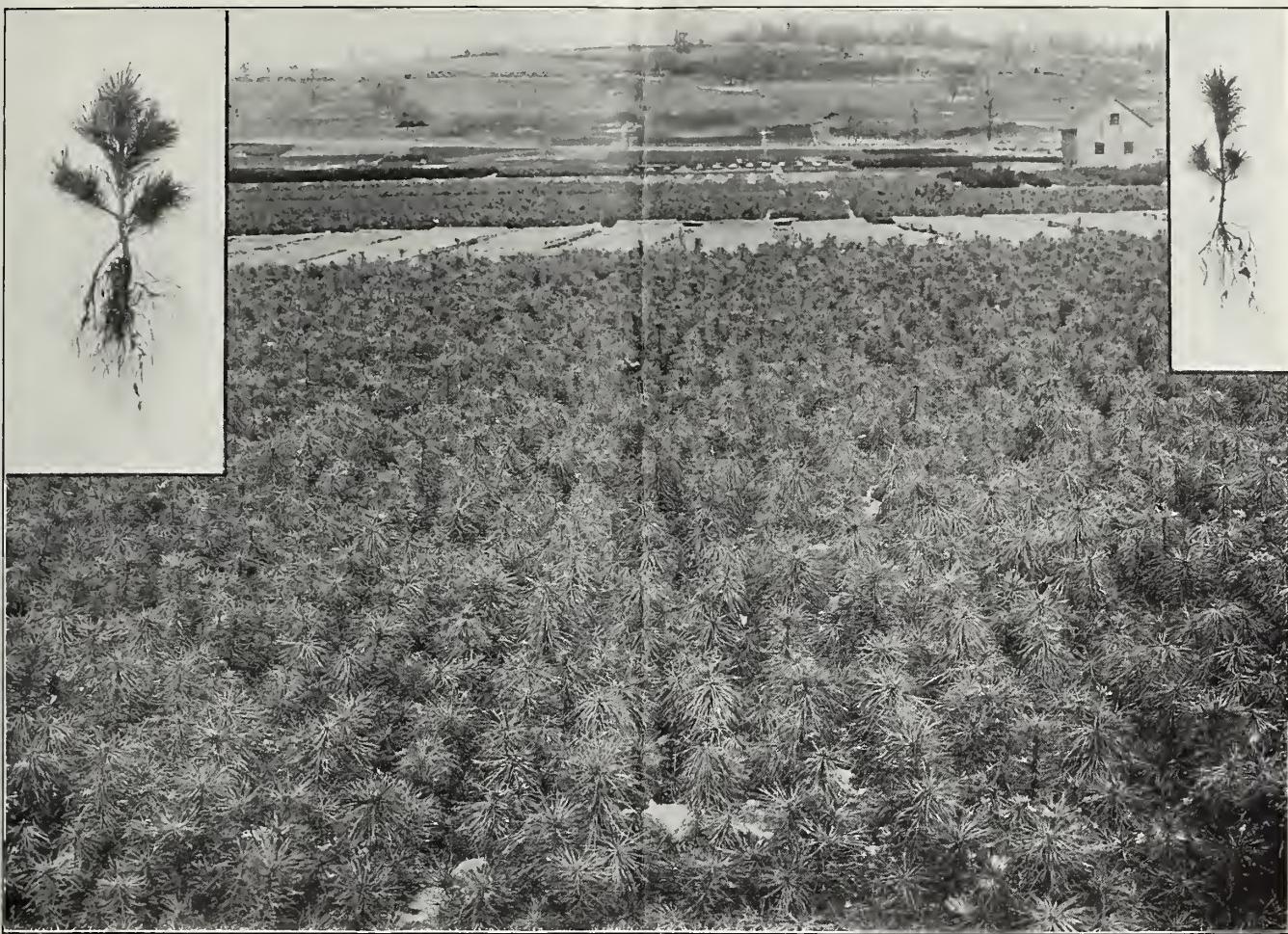
6C Each, in lots of 1000
 $1\frac{1}{2}$ to 2 feet
100 trees for \$7.50
10 trees for 2.00

8C Each, in lots of 1000
2 to 3 feet
100 trees for \$9.00
10 trees for 2.50

10C Each in lots of 1000
3 to 4 feet
100 for \$12.00
10 for \$3.50

During the American Nurserymen's Convention in Boston many of the best growers in the country visited the "Little Tree Farms" and declared our stock as fine as they had ever seen. Recently also we were awarded a special prize, a silver medal, by the Massachusetts Horticultural Society for excellence in producing little trees. We had no previous knowledge of this prize and made no effort to win it.

The wonderful adaptability, beauty and usefulness of White Pine are familiar to all. It is the most generally known and planted tree in this country, the very foundation of commercial and ornamental planting. We sell millions of the species. It grows rapidly on dry, sandy soils as well as on rich, moist ones. It should, however, not be planted in too wet soils with high water levels. The lumber value and other use values of the wood of White Pine make it the tree of first importance for general forest planting in the northern and eastern states. Many millions are being planted every year and a much greater increase is yet to be expected.



741,000 Small Transplanted White Pines Sacrificed at

3/4 C Each in lots of 1000
4 to 8 inches
100 trees for \$1.25

1 C Each in lots of 1000
5 to 8 inches (heavy)
100 trees for \$1.50

1 1/2 C Each in lots of 1000
8 to 12 inches
100 for \$2.25

In left-hand corner is an individual four-year transplant, and in right-hand corner a three-year transplant. Our four-year transplants are the safest trees for general use. These are stocky trees with a mass of fibrous roots, and the size is splendid for underplanting; it will stand shading as well as dry exposure. Our **White Pines** are grown without chemical fertilizers or undue protection, which stimulate height growth and give vivid color, but make the plants soft and succulent. Such plants do not compare with ours in endurance.

If interested in **White Pine** plantations ask for photographs 2 and 3.

PINUS STROBOS.

White Pine.

		100	1000
Seedling	8 to 12 in.	\$1.25	\$7.00
Seedling	6 to 8 in.	1.00	5.00
Seedling	4 to 6 in.	.85	3.00
Seedling	2 to 5 in.	.75	2.50

Our seedlings, raised from seed of our own collecting in New Hampshire are the most successful we have ever grown. They are as well rooted as and more desirable than many cheaply produced transplants in the market. They are very vigorous and will thrive. The prices are extremely low.

	Austrian Pine.		
	10	100	1000
Twice Transplanted..	.8 to 12 in.	\$3.50 \$10.00	
Transplanted.....	3 to 6 in.....	2.50	\$20.00
Seedling.....	4 to 6 in.....	1.00	6.00
Seedling.....	2 to 4 in.....	.75	4.00

	Shore Pine.		
	10	100	1000
Seedling.....	8 to 12 in.	\$2.00 \$5.00	\$40.00
Seedling.....	4 to 8 in.	1.25	3.00

	Japanese Red Pine.		
	10	100	1000
Seedling.....	3 to 5 in.....	\$1.50	\$7.00

	Bank's Pine.		
	10	100	1000
Bank's Pine is beyond question a rapid grower. It deserves its popular names—"the sudden sawlog," the "poplar of the Evergreens."			
Twice Transplanted..	.4 to 5 ft.	\$3.50	\$9.00
Twice Transplanted..	.2 to 3 ft.	2.75	7.00
Transplanted.....	4 to 5 ft.	3.00	7.00
Transplanted.....	1 to 1½ ft.	1.25	3.00

Bank's Pine is the hardiest native evergreen tree we have, and is especially adapted to dry, loose soil. It often acts as a nurse tree for the Red Pine and others.

It is one of the first evergreens to start on the abandoned dry pine land in many sections. It will thrive on the poorest, driest soils, in the most exposed places. If interested in these trees ask for photograph No 5 and for postcards illustrating nursery blocks.

	Limber Pine.		
	10	100	1000
Transplanted.....	4 to 6 in.	\$2.00 \$5.00	\$40.00
Transplanted.....	2 to 4 in.	1.50	3.50
Seedling.....	2 to 5 in.....	1.75	10.00
Seedling.....	1 to 3 in.....	1.00	7.00

	Corsican Pine.		
	10	100	1000
Seedling.....	1 to 3 in.....	\$0.75	\$4.00

	Silver, or Western White Pine.		
	10	100	1000
Transplanted.....	4 to 8 in.	\$1.50	\$4.00
Transplanted.....	2 to 4 in.	1.25	3.00
Seedling.....	1 to 3 in.....	.75	5.00

	Dwarf Mughus Pine.		
	10	100	1000
Twice Transplanted..	.4 to 8 in.	\$3.50	\$10.00
Twice Transplanted..	.3 to 6 in.	2.50	6.00
Transplanted.....	3 to 6 in.	1.50	5.00
Seedling.....	1 to 3 in.....	.75	6.00

	Lodgepole Pine.		
	10	100	1000
Seedling.....	2 to 4 in.....	\$1.00	\$5.00

	Pitch Pine.		
	10	100	1000
Transplanted.....	.4 to 5 ft.	\$5.00	\$15.00
Transplanted.....	.3 to 4 ft.	3.50	8.50
Transplanted.....	.2 to 3 ft.	3.00	6.00
Transplanted.....	.1½ to 2 ft.	2.50	5.00
Seedling.....	8 to 12 in.....	.85	5.00
Seedling.....	.4 to 8 in.....	.75	4.00
Seedling.....	.2 to 4 in.....	.60	2.75

This is the most enduring of our native pines under adverse conditions of soil, exposure, and drought. On good soils it thrives, and is considered by many owners a most picturesque tree.

	Douglas Spruce.		
	(Pacific Coast Seed.)		
Seedling.....	8 to 12 in.....	\$1.50	\$12.00
Seedling.....	4 to 8 in.....	1.25	7.00

See also page 6 for Douglas Spruce of Rocky Mountain Seed.

	Bald Cypress.		
	10	100	1000
Seedling.....	2 to 2½ ft.	\$4.00	\$10.00
Seedling.....	1½ to 2 ft.	3.50	8.00
Seedling.....	1 to 1½ ft.	2.75	6.00
Seedling.....	.8 to 12 in.	2.00	4.00

	Japanese Yew.		
	10	100	1000
Several Times Transplanted.....	20 to 24 in.	\$3.00	\$25.00
Several Times Transplanted.....	16 to 20 in.	2.50	20.00
Several Times Transplanted.....	12 to 16 in.	1.25	10.00
Several Times Transplanted.....	8 to 12 in.	.75	6.50

A splendid, compact plant; hardy, satisfactory, ornamental.

	Arborvitae: Cedar.		
	10	100	1000
Twice Transplanted..	.2 to 2½ ft.	\$8.50	\$25.00
Twice Transplanted..	.1½ to 2 ft.	5.00	15.00
Twice Transplanted..	.1 to 1½ ft.	4.00	9.00
Twice Transplanted..	.8 to 12 in.	2.50	6.00
Transplanted.....	1½ to 2 ft.	3.00	7.00
Transplanted.....	1 to 1½ ft.	2.00	5.00
Transplanted.....	.8 to 12 in.	1.50	3.00
Transplanted.....	.4 to 8 in.....	1.50	12.00
Seedling.....	8 to 12 in.....	2.00	12.50
Seedling.....	4 to 8 in.....	1.25	8.00
Seedling.....	3 to 6 in.....	1.00	5.00
Seedling.....	1 to 3 in.....	.75	3.00

	Oriental Arborvitae.		
	10	100	1000
Seedling.....	6 to 10 in.....	\$2.25	
Seedling.....	3 to 6 in.....	1.50	

	Hemlock.		
	10	100	1000
Twice Transplanted..	.4 to 8 in.	\$5.00	\$15.00
Transplanted.....	.6 to 12 in.	4.00	12.00
Transplanted.....	.2 to 4 in.	2.00	7.00

We can also supply the following. (Write for special prices, giving quantity and size desired.)

ABIES PECTINATA.	European White Fir.
ABIES MAGNIFICA.	Red Fir.
PINUS CEMBRA.	Cembra or Swiss Stone Pine.
PINUS JEFFREYI.	Jeffrey Pine.
PINUS PONDEROSA.	Western Yellow Pine.



We Grow all the Best Deciduous Trees in Quantity

A fine block of **Pin Oaks** (*Quercus palustris*) with individual transplanted tree, four years old, about four feet high, on the right. A "little tree with big roots." Ours don't need to be "cut back" when set out; they have sufficient root to support the top. At "Little Tree Farms" we have learned how to produce Oaks with fibrous roots. It costs to do it, but our prices, due to the large supply, are very low.

QUERCUS PALUSTRIS, Muench.

	Pin Oak.		
	10	100	1000
Twice Transplanted.....	6 to 8 feet.....	\$15.00	\$50.00
Twice Transplanted.	4 to 6 feet	12.00	35.00
Twice Transplanted.	3 to 4 feet	8.00	20.00
Twice Transplanted.....	2 to 3 feet.....	6.00	15.00
Transplanted.....	6 to 10 feet.....	12.00	40.00
Transplanted.	4 to 6 feet	7.00	20.00
Transplanted.....	3 to 4 feet.....	3.00	10.00
Transplanted.	2 to 3 feet	2.50	7.50
Transplanted.	1 to 2 feet	2.00	7.00
Transplanted	8 to 12 inches.....	4.50	35.00

The **Pin Oak** is one of the favorite avenue and lawn trees and is steadily gaining in popularity. It grows quickly, has perfect shape, and endures well under many conditions. It has a delicate foliage and vivid fall coloring.

Broad-Leaved Trees (Deciduous)

ACER DASYCARPUM, Ehr.

	Silver Maple.	10	100	1000
Seedling.....	1½ to 2 ft.	\$2.00	\$12.00	
Seedling.....	1 to 1½ ft.	1.50	8.50	
Seedling.....	8 to 12 in.	1.00	5.00	

ACER NEGUNDO, Linn.

	Box Elder.	10	100	1000
Twice Transplanted..	7 to 10 ft.	\$4.50	\$15.00	
Transplanted.....	9 to 12 ft.	4.00	12.00	
Transplanted.....	7 to 9 ft.	3.50	8.50	\$65.00
Transplanted.....	6 to 8 ft.	3.00	8.00	
Transplanted.....	5 to 7 ft.	2.50	7.00	55.00
Transplanted.....	4 to 6 ft.	2.00	6.00	
Transplanted.....	3 to 5 ft.	1.50	4.00	35.00
Transplanted.....	2 to 3 ft.	2.50	20.00	
Transplanted.....	1 to 2 ft.	2.00	15.00	
Seedling.....	6 to 12 in.	.75	6.00	

ACER PLATANOIDES, Linn.

Norway Maple.

	Norway Maple.	10	100	1000
Twice Transplanted..	3 to 5 ft.	\$2.75	\$9.00	
Twice Transplanted..	2 to 3 ft.	2.25	7.00	
Twice Transplanted..	1 to 2 ft.	1.85	5.00	
Transplanted.....	3 to 4 ft.	1.50	5.00	
Transplanted.....	2 to 3 ft.	1.00	4.00	\$35.00
Transplanted.....	1 to 2 ft.	3.00	25.00	
Transplanted.....	8 to 12 in.	2.25	20.00	
Transplanted.....	4 to 8 in.	1.75	15.00	
Seedling.....	2 to 2½ ft.	3.00		
Seedling.....	1½ to 2 ft.	2.00	12.00	
Seedling.....	1 to 1½ ft.	1.50	8.00	
Seedling.....	8 to 12 in.	1.00	6.00	

Seedling..... 4 to 8 in. .90 4.00

We have a large supply of thrifty, well-rooted plants with straight tops.

ACER PSEUDO-PLATANUS, Linn.

Sycamore Maple.

	Sycamore Maple.	10	100	1000
Transplanted.....	3 to 4 ft.	\$2.50	\$8.00	
Transplanted.....	2 to 3 ft.	2.00	5.00	
Transplanted.....	1 to 2 ft.	1.50	3.00	\$25.00
Transplanted.....	8 to 12 in.	1.00	2.25	18.00
Transplanted.....	4 to 8 in.	2.00		15.00
Seedling.....	1½ to 2 ft.	2.00		
Seedling.....	1 to 1½ ft.	1.50		
Seedling.....	8 to 12 in.	1.00		5.00
Seedling.....	4 to 8 in.	.90		3.00

ACER RUBRUM, Linn.

Red Maple.

	Red Maple.	10	100	1000
Twice Transplanted..	3 to 5 ft.	\$4.50	\$15.00	
Twice Transplanted..	1 to 3 ft.	2.75	10.00	
Transplanted.....	5 to 7 ft.	4.50	15.00	
Transplanted.....	3 to 5 ft.	2.75	10.50	\$95.00
Transplanted.....	2 to 3 ft.	2.00	6.00	50.00

Transplanted..... 1 to 2 ft. 1.00 3.50 30.00

Seedling..... 2 to 6 in. 1.00 5.00

These are nice, straight, clean stock, grown from local seed of our own collecting.

ACER SACCHARUM, Marsh.

Sugar Maple.

	Sugar Maple.	10	100	1000
Transplanted.....	3 to 4 ft.	\$3.50	\$10.00	\$85.00
Transplanted.....	2 to 3 ft.	3.00	7.50	65.00
Transplanted.....	1 to 2 ft.	2.00	6.00	50.00
Transplanted.....	8 to 12 in.	1.50	4.00	30.00
Transplanted.....	4 to 8 in.	3.00		
Seedling.....	2 to 3 ft.	1.50	3.50	25.00
Seedling.....	1½ to 2 ft.	1.00	2.50	20.00
Seedling.....	1 to 1½ ft.	1.75		12.00
Seedling.....	8 to 12 in.	1.50	8.00	
Seedling.....	4 to 8 in.	1.00		3.00

Grown from seed locally collected by our own men. We sell thousands of these every year to nurserymen on "repeat orders."

AESCHLUS GLABRA, Willd.

Horse Chestnut.

10	100	1000
Twice Transplanted..	8 to 12 in.	\$3.00
Twice Transplanted..	4 to 8 in.	2.25
Seedling.....	1½ to 2 ft.	2.00

Seedling..... 1 to 1½ ft. 1.50 \$10.00

Seedling..... 8 to 12 in. 1.00 6.00

These are very heavy, full of life, little trees, perfectly straight tops, heavily budded, and very well rooted.

ALNUS INCANA, Willd.

Speckled Alder.

9	100	
Transplanted.....	9 to 11 ft.	
Transplanted.....	7 to 9 ft.	\$25.00
Transplanted.....	5 to 7 ft.	4.50

BETULA LUTEA, Michx.

Yellow Birch.

3	100	
Twice Transplanted..	4 to 4 ft.	
Twice Transplanted..	2 to 3 ft.	6.00
Transplanted.....	3 to 4 ft.	5.00
Transplanted.....	2 to 3 ft.	3.50
Transplanted.....	1 to 2 ft.	2.75
Seedling.....	8 to 12 in.	2.50
Seedling.....	4 to 8 in.	1.75
Seedling.....	2 to 4 in.	1.25

BETULA PAPYRIFERA, Marsh.

Paper Birch.

5	100	
Transplanted.....	7 ft.	
Transplanted.....	2 to 3 ft.	5.00
Transplanted.....	1 to 2 ft.	3.00
Seedling.....	14 in.	5.00
Seedling.....	8 in.	2.50
Seedling.....	6 in.	1.50

CARYA. See HICORIA.

CASTANEA DENTATA, Borkh.

Sweet Chestnut.

4	100	
Transplanted.....	5 ft.	
Transplanted.....	4 ft.	1.75
Transplanted.....	3 ft.	1.50
Transplanted.....	2 ft.	1.00
Transplanted.....	1 ft.	3.00

American Chestnut is one of our most valuable trees, and is very adaptable to soil and moisture. It is a rapid grower. The wood is valuable for telegraph poles, lumber, etc., and withstands decay well. It has proved profitable for nut crops. The finer native specimens have been preserved and highly appreciated on most large estates.

If interested in these trees send for photograph N15.

CATALPA SPECIOSA, Warden.

True Hardy Catalpa.

8	100	
Twice Transplanted..	10 ft.	
Twice Transplanted..	8 ft.	3.00
Twice Transplanted..	6 ft.	2.25
Twice Transplanted..	4 ft.	1.75
Twice Transplanted..	3 ft.	1.25

CORNUS PANICULATA.

Gray Dogwood.

7	100
Seedling.....	12 in.

4	100
Seedling.....	8 in.

4	100
Seedling.....	8 in.

CORYLUS AMERICANA, Walt.

Hazelnut.

12	100
Seedling.....	15 in.

8	100
Seedling.....	12 in.

4	100
Seedling.....	8 in.

FAGUS ATROPUNICEA, Sudw.

American Beech.

4	100
Transplanted.....	8 in.



Red Oaks, freshly dug to show the especially fine oak roots we have learned to produce at the "Little Tree Farms." Reading from left to right, four-year-old transplanted tree; two-year-old seedling; one year-old seedling.

QUERCUS RUBRA, Linn.

Red Oak.

	10	100	1000
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Transplanted	5 to 7 ft.	\$5.00	\$15.00	\$115.00
Transplanted	3 to 5 ft.	3.00	10.00	85.00
Transplanted.....	2 to 3 ft.	1.50	5.00	40.00
Transplanted	1 to 2 ft.	1.25	3.25	25.00
Transplanted.....	8 to 12 in.....	2.25		17.50
Seedling.....	7 to 9 ft.	3.00	11.00	
Seedling.....	5 to 7 ft.	2.25	7.00	55.00
Seedling.....	3 to 5 ft.	1.50	4.00	30.00
Seedling	2 to 3 ft.	2.50	15.00	
Seedling.....	1 to 2 ft.....	1.50	10.00	

The rapid growth, persistent and altogether satisfactory development of the **Red Oak**, as well as its beauty and its large volume of valuable wood, make this a tree of the first class. Its adaptability is proven by its wide natural range. It grows successfully on the dry, sandy land of Cape Cod and Long Island, while on richer, moister lands it reaches the height of seventy to ninety feet and the diameter of three to four feet. Its sound wood of good dimensions we all know of. These are the reasons for the large demand for the young plants,—ours especially, because our oaks have many fibrous roots, transplant successfully, and are sold at a low price.



White Ash, grown of Massachusetts seed. Reading from left to right, four-year transplant; three-year seedling. Our Ashes are straight, heavy-stemmed, clean and vigorous, and are uniformly well rooted. Note our low prices. If interested in street trees, ask for our postcard illustration.

FRAXINUS AMERICANA, Linn.

True Eastern White Ash.

	10	100	1000
Three Times Trans- planted.....	7 to 9 ft.	\$5.00	\$16.00
Twice Transplanted..	6 to 8 ft.	4.00	14.00
Twice Transplanted 4 to 6 ft.	3.00	10.00	\$85.00
Twice Transplanted..	3 to 4 ft.	2.50	8.00
Transplanted.....	8 to 10 ft.	3.50	12.00
Transplanted.....	6 to 8 ft.	3.00	10.00
Transplanted.....	4 to 6 ft.	2.50	7.00
Transplanted	3 to 5 ft.	2.00	6.50
Transplanted	2 to 4 ft.	1.25	4.00
Seedling	3 to 4 ft.	2.00	15.00
Seedling	2 to 3 ft.	1.75	12.00
Seedling.....	1 to 2 ft.....	1.25	8.00

The true **American White Ash** is one of the most important and valuable trees of this country. It thrives on lands too wet for many species and also does remarkably well on drier lands. These trees are comparatively *insect-free*; they grow rapidly and have fine shape. They should not be planted in the shade. The wood is scarce and high-priced. This accounts for the active forest planting of the species just now starting. We recommend more planting — for profit.

FRAXINUS LANCEOLATA, Borhk.			Western	Green	Ash.
	10	100	1000		
Twice Transplanted..	3	to 4 ft.	\$3.00	\$10.00	
Twice Transplanted..	2	to 3 ft.	2.25	8.00	
Transplanted.....	6	to 8 ft.	3.00	10.00	
Transplanted...	4	to 6 ft.	2.25	8.00	
Transplanted.....	3	to 4 ft.	1.50	5.00	
Transplanted.....	1	to 2 ft.	1.00	3.00	

GLEDITSIA TRIACANTHOS, Linn.			Honey Locust.
Twice Transplanted..	1½	to 2 ft.	\$2.00
Transplanted.....	2	to 3 ft.	2.00
Transplanted.....	1	to 2 ft.	1.25
Seedling.....	1	to 2 ft.....	1.25
Seedling.....	8	to 12 in.....	1.00
Seedling.....	4	to 8 in.....	.85
			6.00

HICORIA GLABRA, Britt.			Pignut (Hickory).
Transplanted.....	8	to 12 in.	\$2.00
Transplanted.....	4	to 8 in.	1.25
Seedling.....	4	to 8 in.	1.00
Seedling.....	3	to 6 in.....	2.00
Seedling.....	2	to 4 in.....	1.50
			10.00

HICORIA LACINOSA, Sarg.			Big Shellbark.
Transplanted.....	1	to 1½ ft.	\$2.50
Transplanted.....	8	to 12 in.	2.00
Seedling.....	2	to 2½ ft.	1.50
Seedling.....	1½	to 2 ft.	1.00
Seedling.....	1	to 1½ ft.....	3.00
			20.00

HICORIA OVATA, Britt.			Shagbark Hickory.
Twice Transplanted..	8	to 12 in.	\$6.00
Transplanted.....	8	to 12 in.	3.00
Transplanted.....	4	to 8 in.	2.00
Seedling, well rooted..	8	to 12 in.....	3.00
Seedling, well rooted..	3	to 6 in.....	2.00
			12.00

Prices very low. We are supplying the trade for grafting stock year after year. This tree deserves much more use.

LARIX (See under Coniferous Trees).

POPULUS BALSAMIFERA, Linn.			Balm of Gilead.
	1000		
Cuttings.....	About 1 ft. long.....		\$3.00

POPULUS DELTOIDES, Marsh.			Carolina Poplar.
Cuttings.....	About 1 ft. long.....		\$4.50

POPULUS DILATATA, Linn.			Lombardy Poplar.
Cuttings.....	About 1 ft. long.....		\$4.25

POPULUS GIGANTEA.			Norway Poplar.
Cuttings.....	About 1 ft. long.....		\$10.00

QUERCUS ALBA, Linn.			White Oak.
	10	100	1000
Transplanted.....	1	to 2 ft.	\$3.00
Transplanted.....	8	to 12 in.	2.00
Seedling.....	8	to 12 in.....	2.00
Seedling.....	4	to 8 in.....	1.00
			8.00

QUERCUS BICOLOR, Willd.			Swamp White Oak.
Transplanted.....	4	to 5 ft.	\$6.00
Transplanted.....	2	to 3 ft.	4.00
Transplanted.....	1	to 2 ft.	3.00
Transplanted.....	8	to 12 in.	2.00
Seedling.....	1	to 2 ft.....	3.50
Seedling.....	8	to 12 in.....	2.50
			25.00
			18.00

This is a valuable oak and is gaining in demand. We have a fine supply at low prices.

QUERCUS COCCINEA, Muench.			Scarlet Oak.
	10	100	1000
Transplanted.....	1	to 1½ ft.	\$3.00
Transplanted.....	8	to 12 in.	2.50
Seedling.....	1	to 2 ft.	2.00
			6.00
			\$50.00

QUERCUS MACROCARPA, Michx.			Bur Oak.
Transplanted.....	4	to 6 ft.	\$5.00
Transplanted.....	3	to 4 ft.	3.00
Transplanted.....	2	to 3 ft.	2.00
Transplanted.....	1	to 2 ft.	1.75
Seedling.....	4	to 6 ft.	1.75
Seedling.....	3	to 4 ft.	1.25
Seedling.....	2	to 3 ft.	1.00
			3.00
			20.00

QUERCUS VELUTINA, Lamb.			Black Oak.
Twice Transplanted..	1	to 1½ ft.	\$4.00
Transplanted.....	2	to 3 ft.	2.00
Transplanted.....	1	to 2 ft.	1.25
Transplanted.....	8	to 12 in.	1.00
			3.00
			20.00

These are very vigorous, unusual both in quality and price.

ROBINIA PSEUDACACIA, Linn.			Black Locust.
Seedling.....	3	to 5 ft.	\$4.00
Seedling.....	2	to 3 ft.	2.50
Seedling.....	1	to 2 ft.	1.50
			7.50

SALIX PURPUREA.			Purple Willow.
	10	100	1000
Heavy-rooted Plants	4	to 6 ft.	\$2.25
Heavy-rooted Plants	3	to 4 ft.	2.00
Cuttings.....	About 1 ft.		1.00
			\$4.00

A very rapidly growing species, which endures adverse conditions well. These are dense, heavy clumps of root.

SALIX VIMINALIS.			Osier Willow, Eur.
	10	100	1000
Heavy-rooted Plants	4	to 6 ft.	\$2.25
Heavy-rooted Plants	3	to 4 ft.	2.00
Cuttings.....	About 1 ft. long.....		1.00
			3.00
Withes.....	per 100 lbs,	\$2.00;	per 1000 lbs., \$10.00

This is an unusually soft, flexible willow. We brought this kind from Europe originally, after careful study of the best kinds in use.

It is the choicest for a willow holt. The culture of fine willows for basket-making has proved profitable, and is strongly recommended by the Government. These plants are also used in decorative planting. If interested, ask for photograph N19.

TILIA PARVIFOLIA, Ehrh.			European Linden.
Twice Transplanted..	5	to 7 ft.	\$6.00
Twice Transplanted	4	to 6 ft.	5.00
Twice Transplanted	3	to 4 ft.	3.00
Twice Transplanted..	2	to 3 ft.	2.25
Transplanted.....	1	to 1½ ft.	2.00
Transplanted.....	8	to 12 in.	1.25
Transplanted.....	3	to 6 in.	1.00
			3.00

ULMUS AMERICANA, Linn.			American Elm.
Twice Transplanted..	3	to 4 ft.	\$4.00
Twice Transplanted..	2	to 3 ft.	3.00
Twice Transplanted..	1	to 2 ft.	2.00
Transplanted.....	4	to 6 ft.	2.25
Transplanted.....	3	to 4 ft.	1.50
Transplanted.....	1	to 2 ft.	2.25
Seedling.....	1	to 2 ft.....	.75
Seedling.....	6	to 12 in.....	.65
			3.00

The American Elm is always in demand, always beautiful, and always valuable.

TAX EXEMPT

PLANTED TREES

Briefed from State Statutes

MASSACHUSETTS. Plantations — not less than 2000 trees to the acre, upon land which does not exceed \$15.00 per acre — exempt from taxation for ten years after trees have grown four feet.

NEW HAMPSHIRE. Land planted — at least 1200 to the acre, tax rebated

First ten years, 90 per cent.
Second ten years, 80 per cent.
Third ten years, 50 per cent.

CONNECTICUT. Taxed annually on the *land alone*, rate not to exceed 10 mills, plus a yield tax of 10 per cent on value when cut.

Several other States have similar exemption

SUGGESTIONS FOR FOREST PLANTING

Order Early, Plant Promptly, and Succeed

THE PROPER TIME TO PLANT. In spring — as soon as the snow has gone and the frost is out of the ground; hardwoods and larches as early as possible, before the buds begin to start; evergreens immediately after these. In fall — firs and spruces may be planted in August, though spring setting is preferable; other species from September until the ground freezes, the general rule for hardwoods being to transplant as soon as the leaves begin to color. Fall planting should be regulated by conditions rather than by date; as long as the ground is damp and free from frost, planting is safe. But with all very small plants there is some degree of danger from heaving if the ground thaws and freezes alternately. This is especially true of wet, heavy soils.

Usual Distances Between Plants for Forest Purposes

White Pine — 4 x 4 ft., 5 x 5 ft., 6 x 6 ft.
Scotch Pine — 2 x 3 ft., 3 x 3 ft., 4 x 4 ft.
Red Spruce — 3 x 3 ft., 4 x 4 ft., 5 x 5 ft.
Balsam Fir — 4 x 4 ft., 5 x 5 ft.
European Larch — 4 x 4 ft., 5 x 5 ft., 4 x 6 ft.
Red Oak — 3 x 3 ft., 4 x 4 ft., 4 x 6 ft.
White Ash — 4 x 4 ft., 5 x 5 ft., 6 x 8 ft.
Chestnut — 5 x 5 ft., 4 x 6 ft.
Birch — 3 x 4 ft., 4 x 4 ft.
Black Locust — 3 x 4 ft., 4 x 4 ft., 3 x 6 ft.

Number of Plants on an Acre at Various Distances

Feet	Plants	Feet	Plants
2 x 2	10,890	7 x 7 .....	.889
2½ x 2½	6,967	8 x 8 .....	.681
3 x 3	4,840	9 x 9 .....	.538
4 x 4	2,723	10 x 10 .....	.436
5 x 5	1,743	11 x 11 .....	.360
5 x 6	1,452	12 x 12 .....	.302
5 x 7	1,245	15 x 15 .....	.194
5 x 8	1,089	16 x 16 .....	.171
6 x 6	1,210	18 x 18 .....	.135
6 x 7	1,038	20 x 20 .....	.109

WHAT PLANTS TO USE. While fine seedlings are perfectly suitable for planting under favorable conditions, it should be borne in mind that transplanted stock always has more endurance. (Seedlings are plants raised from seed and remaining in the beds where they are sown. Transplants are plants which have been taken from the seed bed and replanted in the nursery one or more times.) Transplanting produces general stockiness and an abundance of fibrous roots. It is false economy to set seedlings in places or for purposes where transplanted stock should be used. The latter is able to withstand far more adverse conditions of soil and weather, and to make a faster growth than the former. We would urgently recommend transplants for all rough, stony, brushy, or especially dry and exposed land, and in general for the quickest and most noticeable results. For amateur planters, especially, it is advisable to use transplanted trees.

VERMONT. Tax exempt for ten years.

RHODE ISLAND. Land not worth more than \$25.00 an acre, planted not less than 500 to the acre, tax exempt for fifteen years.

MAINE. Not less than 640 to the acre after three years, may be tax exempt for twenty years.

NEW YORK. Not less than 800 to the acre, tax exempt for thirty-five years.

PENNSYLVANIA. Tax exemption bill for reforested land now before legislature.

CARE OF PLANTS ON ARRIVAL. Upon receipt of the plants, take them from the boxes, open the bundles and immerse the roots in water. Then spread the plants in thin layers, and heel them into the ground at an angle of 30 to 40 degrees, leaning the tops of the plants toward the south, and cover the roots with about 6 inches of moist soil. The best place for such heelings-in is in a cool, shady spot, such as the north side of buildings. The plants must be protected from the drying winds, and the roots never exposed to direct sun or wind. If plants arrive frozen, or in freezing weather, put the boxes in a cool hut frost-proof cellar or shed, and leave them until thoroughly thawed. If the plants should arrive somewhat heated, it is best to plant them immediately, or, if that be impossible, to heel them in, not too closely, in a cool cellar, taking pains to give them extra air. It is important not to wet the roots too much when heeled-in in a damp cellar, as they will decay if too wet.

HOW TO PLANT. Before planting, the roots should be thoroughly soured in a "puddle" made of rich, fine earth or black muck and water, mixed to the consistency of ordinary paint. The plants should be carried to the field either in a huckel containing puddle or water, or in a basket with burlap or some such covering to protect the roots, previously puddled. Any very long, superfluous roots should be cut off with a sharp knife or cleaver. In the case of small hardwood seedlings, with a strong tap-root, cut the tap-root back to a length of 8 or 10 inches, making a downward slanting cut. There must be no exposure of the roots to the sun or drying wind, before setting, as plants are almost surely killed in this way; this is especially true of evergreens. Remember, plants are alive, and they will die if proper conditions are not given them. In setting the trees, two men work together, one carrying the plants and setting them, the other making the holes. The best all-around digging tool is the double-edged cutting hoe, or mattock. While one man makes the hole, the second man (or hoy) places the plant in the hole with the roots straight down and spreading in a natural position. The best well-hrown or "fined" soil must then be packed so solidly about the roots as to be air-tight. The plant should generally be set about $\frac{1}{2}$ to 1 inch deeper than it was originally in the nursery, to allow for the settling of the ground; after settling, it should be just as deep as it was in the nursery. Great care must be taken not to set small plants too deep, especially in heavy soils. The roots can hardly be packed too firmly. Setting plants early in the spring, when the ground is still moist and the air cool, insures against such a costly and impracticable proceeding as watering after planting.

CARE AFTER PLANTING. A well-set plantation requires very little after-care. Cattle must be kept out, at least for some years, if not entirely, and of course the plantation must be protected from fire. If the planting be sufficiently close, no pruning will be required. But in case some plants dying leave space enough for adjoining trees to grow "limby," the latter should be pruned after about ten years, cutting dead and superfluous limbs close to the trunk. This is best done in fall, when the sap, running sluggishly, will cover wounds without much bleeding.

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